

IN THE CLAIMS

Please amend the claims as follows:

1. (Currently Amended) A spring steel comprising:

C: 0.5 to 0.8% by mass (hereinafter, referred to as %),

Si: 1.2 to 2.5%,

Mn: 0.2 to 1.5%,

Cr: 1.0 to 4.0%,

V: 0.5% or less ☐ including 0%☐,

P: 0.02% or less ☐ excluding 0%☐ ,

S: 0.02% or less ☐ excluding 0%☐,

Al: 0.01% or less ☐ excluding 0%☐, and

Fe and inevitable impurities, wherein

the Si content and the Cr content satisfy the following formula (1):

$$0.8 \times [\text{Si}] + [\text{Cr}] \geq 2.6 \dots (1)$$

wherein, [Si] and [Cr] respectively represent the Si content (%) and the Cr content (%).

2. (Currently Amended) The spring steel according to claim 1, wherein the Mn content is 0.5% to 1.5% ~~or more~~.

3. (Currently Amended) The spring steel according to claim 1, wherein the Cr content is 1.3% to 4.0% ~~or more~~.

4. (Currently Amended) The spring steel according to claim 1, further comprising at least one selected from Ni: 0.5% or less ☐ excluding 0%☐ and Mo: 0.4% or less ☐ excluding 0%☐.

5. (Previously Presented) The spring steel according to claim 1, wherein the V content is 0.05 to 0.5%.

6. (Previously Presented) The spring steel according to claim 5, wherein the Mn content is 0.5% to 1.5%.

7. (Previously Presented) The spring steel according to claim 5, wherein the Cr content is 1.3% to 4.0%.

8. (Currently Amended) The spring steel according to claim 5, further comprising at least one selected from:

Ni: 0.5% or less ☐ excluding 0%☐, and

Mo: 0.4% or less ☐ excluding 0%☐.

9. (Currently Amended) The spring steel according to claim 1, consisting essentially of:

C: 0.5 to 0.8%,

Si: 1.2 to 2.5%,

Mn: 0.2 to 1.5%,

Cr: 1.0 to 4.0%,

V: 0.5% or less ☐ including 0%☐,

P: 0.02% or less ☐ excluding 0%☐,  
S: 0.02% or less ☐ excluding 0%☐,  
Al: 0.01% or less ☐ excluding 0%☐, and  
Fe and inevitable impurities.

10. (Currently Amended) The spring steel according to claim 5, consisting essentially of:

C: 0.5 to 0.8%,  
Si: 1.2 to 2.5%,  
Mn: 0.2 to 1.5%,  
Cr: 1.0 to 4.0%,  
V: 0.05 to 0.5%  
P: 0.02% or less ☐ excluding 0%☐,  
S: 0.02% or less ☐ excluding 0%☐,  
Al: 0.01% or less ☐ excluding 0%☐, and  
Fe and inevitable impurities.

11. (Currently Amended) The spring steel according to claim 8, consisting essentially of:

C: 0.5 to 0.8%,  
Si: 1.2 to 2.5%,  
Mn: 0.2 to 1.5%,  
Cr: 1.0 to 4.0%,  
V: 0.05 to 0.5%  
P: 0.02% or less ☐ excluding 0%☐,

S: 0.02% or less ☐ excluding 0%☐

Al: 0.01% or less ☐ excluding 0%☐

Ni: 0.5% or less ☐ excluding 0%☐

Mo: 0.4% or less ☐ excluding 0%☐

Fe and inevitable impurities.

12. (Currently Amended) The spring steel according to claim 1, consisting of:

C: 0.5 to 0.8%,

Si: 1.2 to 2.5%,

Mn: 0.2 to 1.5%,

Cr: 1.0 to 4.0%,

V: 0.5% or less ☐ excluding 0%☐

P: 0.02% or less ☐ excluding 0%☐

S: 0.02% or less ☐ excluding 0%☐

Al: 0.01% or less ☐ excluding 0%☐

Fe and inevitable impurities.

13. (Currently Amended) The spring steel according to claim 5, consisting of:

C: 0.5 to 0.8%,

Si: 1.2 to 2.5%,

Mn: 0.2 to 1.5%,

Cr: 1.0 to 4.0%,

V: 0.05 to 0.5%

P: 0.02% or less ☐ excluding 0%☐

S: 0.02% or less ☐ excluding 0%☐

Al: 0.01% or less ☐ excluding 0%☐], and  
Fe and inevitable impurities.

14. (Currently Amended) The spring steel according to claim 8, consisting of:

C: 0.5 to 0.8%,  
Si: 1.2 to 2.5%,  
Mn: 0.2 to 1.5%,  
Cr: 1.0 to 4.0%,  
V: 0.05 to 0.5%  
P: 0.02% or less ☐ excluding 0%☐],  
S: 0.02% or less ☐ excluding 0%☐],  
Al: 0.01% or less ☐ excluding 0%☐],  
Ni: 0.5% or less ☐ excluding 0%☐],  
Mo: 0.4% or less ☐ excluding 0%☐], and  
Fe and inevitable impurities.